

# PROJECTOR LIFT MODEL SI-30 INSTALLATION MANUAL

Thank you for purchasing the new SI-30 Projector Lift.

The SI-30 is supplied with a set of components and accessories that make it suitable for installation for the majority of standard AV applications, but note must be made of the restrictions that apply to the weight capability of this unit and not exceeded.

Projector lift SI-30 must be installed by specialized personnel only.

**Before installing the projector lift, please read the following instructions carefully:**

- **The projector lift must be used INDOORS ONLY.**
- **IT IS FORBIDDEN TO STAY UNDER THE LIFT.**
- **Please confirm that your projected image width will fit your screen from your proposed mounting location prior to installation.**
- **Incorrect use of the lift, including exceeding the maximum lifting weight, would be dangerous and invalidate the warranty.**
- **The manufacturer does not take responsibility for any damage to property or personal injury, if the lift is used outside of recommended specifications.**
- **This product uses a 230V AC Motor. DO NOT attempt to service the motor.**
- **Incorrect servicing could lead to risk of electric shock.**
- **For any repairing, please contact directly the dealer you purchased the unit from.**
- **Check at least once a year that the screws of the steel cables are well tightened and that the steel cables are in good conditions. In case they have signs of usage or damages, replace them promptly with the original ones supplied by the manufacturer.**

## SUPPLIED EQUIPMENT LIST

When you open the packaging, please CHECK that it contains ALL the components below. In case one or more components are missed, please refer to the dealer you purchased the product from.

- A) 1 MECHANIC PROJECTOR LIFT SUPPLIED WITH A MOTOR WITH A 3 METRE POWER CABLE WITH FOUR ELECTRIC WIRES ( UP, DOWN, NEUTRAL AND EARTH)
- B) 4 "L" FORM ALUMINIUM BRACKETS FOR CEILING MOUNTING
- C) ON/OFF SWITCHER
- D) PLASTIC SPIRAL TO COLLECT THE PROJECTOR CABLES
- E) INSTALLATION MANUAL
- F) 4 THREADED BARS M6 L. 25 CM AND 2 MOUNTING PLATES FOR THE FALSE CEILING PLATE
- G) 8 HEX HEAD SCREWS 6x16 MM.
- H) 16 NUTS M6 FOR MOUNTING THE THREADED BARS TO THE MOUNTING PLATES AND TO THE LIFT

## INSTALLATION INSTRUCTIONS

- Use the hex-headed screws listed as "G" in the equipment list, to mount the 4 "L" brackets to the profile of the lift, as shown in pictures 1A and 1B below:



**PICTURE 1A**



**PICTURE 1B**

- Mount the lift to the ceiling using suitable wall plugs (NOT SUPPLIED) and verify that the projector lift is perfectly horizontal using a spirit level. Use shims to level the lift, if required, between the brackets and the ceiling.  
Installing the lift perfectly level is IMPORTANT and ensures silent movement of the lift without any shaking, jolting or friction that would compromise the alignment between projector and projection screen.

- Once you have mounted the lift, lower it till the end stop preset by the factory (approx. 50 cm.); unscrews the screws as indicated in Picture 2A and 2B and open the brackets according to the height of your projector, fit in the projector into the brackets and move the brackets along the aluminium profiles (see Picture 2C) according to the fixing points on the video-projector. Now remove the projector and tighten the side screws of the brackets, taking care that the distance between the rear bracket and the rear side of the aluminium profile is the same as the distance between the front bracket and the front side of the aluminium profile (see Picture 2D)



**OPEN PROJECTOR LIFT**



**PICTURE 2A**



**PICTURE 2B**



**PICTURE 2C**



**PICTURE 2D**



**SIDE VIEW WITH EQUIDISTANT BRACKETS**



**PICTURE 2E**

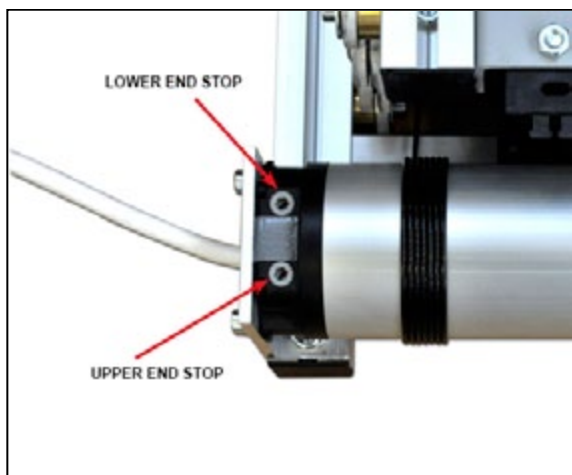


**PICTURE 2F**



**LIFT WITH PROJECTOR COMPLETELY CONNECTED**

- Slide the projector inside the bracket and fix it to the brackets using the screws as indicated on the projector's installation manual (see Picture 2E).
- Bring down from the ceiling at a length of approx. 30 cm. the power and signal cables of the projector. Collect these cables using the supplied plastic spiral. Using a wire clamp, fix the spiral and cables to the upper part of the aluminium profile (see Picture 2F), taking care to guide the cables to the rear side of the projector.
- Fix the end part of the spiral to the rear bracket using the other wire clamp supplied and successively connect the cables to the projector.
- Connect the projector lift to the mains using the supplied switcher, following the instructions on Picture 2G. Warning: set the lower end stop (see instructions here under) for a **maximum descent of 30 cm.**, taking care that the spiral with cables does not interfere with the mechanism of the lift when it moves up and down.
- The next step is to set the "UPPER END STOP" (CLOSED lift) and the "LOWER END STOP" (OPEN lift). If the projector lift has been positioned inside a false ceiling, take care to set the upper end stop so that when the lift is in closed position, the brackets will not touch the ceiling. The "LOWER END STOP" has to be adjusted so that the image is correctly projected onto the screen.



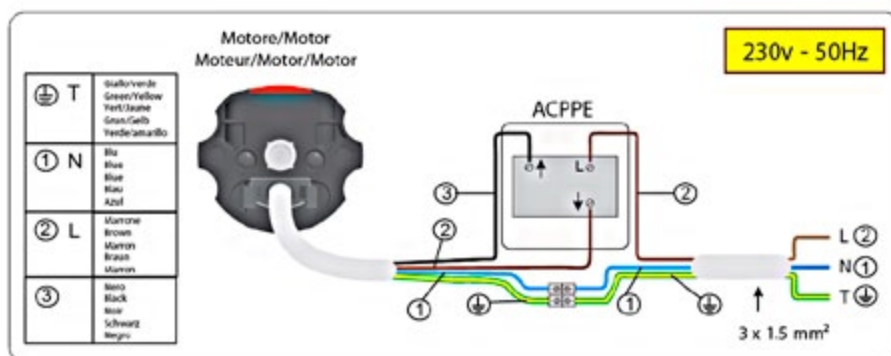
In order to fix the "UPPER END STOP":

**WARNING:** in case the installer needs to modify this end-stop, it is allowed to lower the upper end stop. **Do not try to high the upper end-stop because this will cause severe damages to the product.**

- Turn the screw on the motor shown on the picture, clockwise to lower the lift.

In order to fix the "LOWER END STOP":

- Turn the screw on the motor, as shown on the picture, counter clockwise to increase the lower end stop and clockwise to reduce it. **(MAXIMUM ALLOWED DESCENT CM. 30)**



**PICTURE 2G**

- Once you have fixed the "UPPER END STOP", cut the threaded bars to the correct length according to the distance between projector and false ceiling. Mount the bars to the profile of the lift and fix them to the mounting plates, using the M6 nuts supplied, as in PICTURES 3A and 3B.



**PICTURE 3A**



**PICTURE 3B**



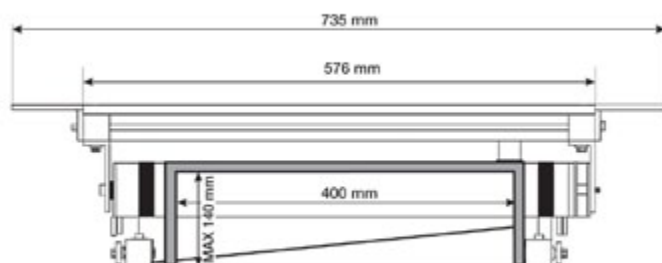
**PROJECTOR LIFT WITH INSTALLED FALSE CEILING PANEL**

- Fit in the false ceiling panel inside the profile of the mounting plates and check that the panel is aligned with the hole in the false ceiling.  
If the panel is not balanced, move the projector lift either releasing the screws that lock the "L" brackets to the aluminium profile making them sliding or releasing the screws that anchor the brackets to the ceiling using the sliding hole milled out of them (max 3 cm. the hole on the ceiling is central).  
If the lift does not line up horizontally to the false ceiling, modify the length of the bars or the "UPPER END STOP", following the instructions above described.

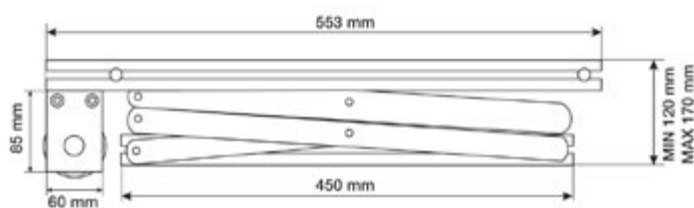
## TECHNICAL DATA

POWER SUPPLY	220-230 V 50 Hz
MAX CONSUMPTION	156 W
TORQUE	10 Nm
MOTOR SPEED	17 Rpm
DIMENSIONS LIFT CLOSED (for projectors max height cm. 8,5)	576x120x553 (LxHxP in mm.)
DIMENSIONI ELEVATORE CHIUSO (for projectors max height cm. 14)	576x170x553 (LxHxP in mm.)
DIMENSIONS LIFT OPENED	576x440x553 (LxHxP in mm.)
MAXIMUM DIMENSIONS OF PROJECTOR	400x140x450 (LxHxP in mm.)
MAXIMUM CAPACITY	15 Kg.
NET WEIGHT PROJECTOR LIFT SI-30	11 Kg.

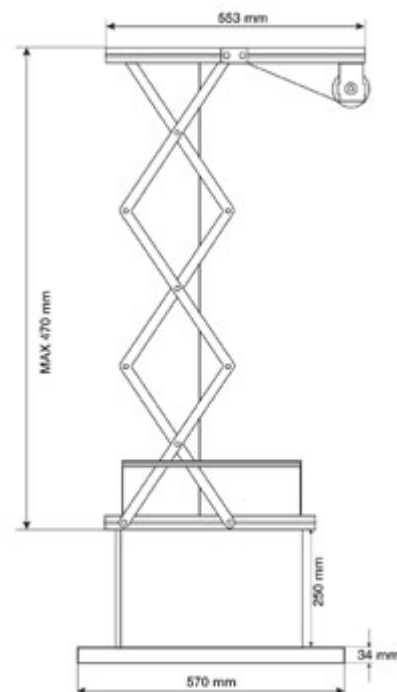
## TECHNICAL DRAWINGS



**CLOSED LIFT: FRONTAL VIEW**



**CLOSED LIFT: SIDE VIEW**



**OPEN LIFT: SIDE VIEW**